

Actuator

22-211.011





Your product:



22-211.011 Actuator

FRONT

Front dimension: 36 mm x 24 mm

Front form: Rectangular

Front bezel colour: Black

Front bezel material: Plastic

MOUNTING

Design: Flush

Mounting cut-out: 22 mm x 30 mm

Mounting type: Panel mounting

OPERATING-/INDICATION PART

Lens illumination: Optional illuminated

ELECTRICAL CHARACTERISTICS

Switching voltage and switching 400 VAC, 10 A (ohmic) current:

400 VAC, 4 A (inductive, cos(phi) = 0.7)
250 VAC, 5 A (inductive, cos(phi) = 0.7)
125 VAC, 8 A (inductive, cos(phi) = 0.7)
110 VDC, 0.4 A (inductive, L:R = 30 ms)
60 VDC, 1.5 A (inductive, L:R = 30 ms)

24 VDC, 6 A (inductive, L:R = 30 ms)

Contacts: 1 NO

Rated insulation voltage Ui: 400 VAC/440 VDC according to IEC 60947-5-1

Switching rating: 400 V @ 10 A

Electrical lifetime: 50 000 cycles of operation

Electric strength:

2000 VAC, 50 Hz, 1 minute, as per IEC 60512-2-11 between all terminals and earth

Standards: The switches comply with the "Standards for low-voltage switching devices" EN

IEC 60947-5-1

Thermal current Ith: 10 A

MECHANICAL CHARACTERISTICS

Terminal: Screw terminal

Contact material: Silver

Switching action: Momentary

Switching system: Snap-action switching element

Switching system: Self-cleaning, double-break snap action switching system (contact opening width 2

mm x 1.5 mm).

Max. 2 normally closed or 2 normally open contacts, or one of each

Mechanical lifetime: 1 Mil. cycles of operation

Operating force: 4.4 N ±1 N (1 switching element), 7.8 N ±1 N (2 switching element)

Operating Travel: 5.5 mm \pm 0.5 mm

Travel: > 3 mm

Tightening torque: Fixing nut max. 0.2 Nm, Screw terminal 0.8 Nm

Terminal details 1: Max. wire cross-section 2 mm x 2.5 mm²

Max. wire cross-section of stranded cable 2 x 1.5 $\,\mathrm{mm^2}$

Weight: 0.04 kg

AMBIENT CONDITION

IP Protection: IP20 rear side, IP65 front side, according to IEC 60529

Operating temperature: $-25 \, ^{\circ}\text{C} \, ... \, + \, 55 \, ^{\circ}\text{C}$

Storage temperature: $-40 \, ^{\circ}\text{C} \, ... + 95 \, ^{\circ}\text{C}$

Shock resistance: 50 g for 11 ms, according to IEC 60512-4-3

Vibration resistance: 10 g at 10 Hz...2000 Hz, amplitude 0.75 mm (Sinusoidal), according to DIN EN

60512-4-4

CERTIFICATE

Approbations: CB (IEC 61058-1), CSA, EAC, ENEC (EN 61058-1), UL

Conformities: CE, UKCA, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

REACH: REACH compliant

OTHER

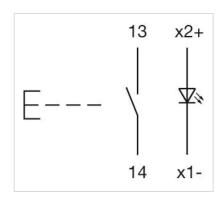
Short Description: Actuator, 22 mm x 30 mm, 36 mm x 24 mm, Optional illuminated, Rectangular,

Black, Plastic, 1 NO, Momentary, Screw terminal

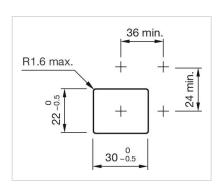
Housing colour: Black

Housing material: Plastic

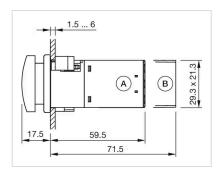
Wiring diagrams:



Mounting cut-outs:

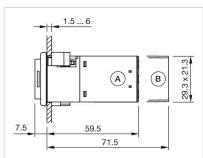


Dimension drawings:



A = Screw terminal

B = Plug-in terminal 6.3 mm x 0.8 mm



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